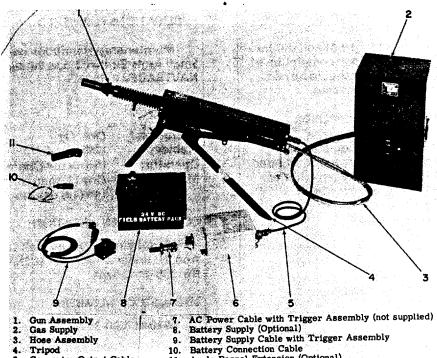
## **DEVICE 3F63B DIRECTORY OF NAVAL TRAINING DEVICES**



- 5. Converter Output Cable
- 6. AC to DC Converter
- 11. Angle Barrel Extension (Optional)

# SMALL ARMS GUNFIRE FLASH-NOISE SIMULATOR, DEVICE 3F63B

## TRAINING CATEGORY:

**ARMAMENT (Small Arms)** 

**ORIGINATING AGENCY:** 

MARCORPS

SECURITY CLASSIFICATION:

Device 3F63B is unclassified.

### INTENDED USE:

To provide simulated small-arms gunfire (rifle or machinegun noise) for infantry training, thus adding realism to day or night maneuvers, and conditioning trainees to the sound of operational small caliber weapons.

## **FUNCTIONAL DESCRIPTION:**

Device 3F63B consists of a gun simulator, a gas supply, and an AC to DC converter. Outwardly, the device resembles a real machinegun. The simulator may be fired locally or remotely.

It fires single shots or bursts using a metered amount of oxygen and propane that is ignited inside the barrel by a spark plug.

An instructor may fire the device remotely while observing results. This allows more controlled training and greater safety than real weapons.

A number of these devices may be operated simultaneously by one (1) operator. This can be accomplished by locating remote trigger switches for all related devices at a common location. One maintenance man can normally service up to ten (10) devices, depending on local conditions.

## PHYSICAL INFORMATION:

Number of Pieces: Three (3)

Gun Simulator 51" x 19" x 46" Size:

Gas Supply 13" x 12" x 22"

Converter 8" x 7"

Gun Simulator - 36 lbs. Weight:

Gas Supply - 138 lbs. Converter - 6 lbs.

## **DEVICE 3F63B DIRECTORY OF NAVAL TRAINING DEVICES**

### **ENVIRONMENTAL CHARACTERISTICS:**

The simulator is not waterproof and should not be submersed in water. Upon completion of the training exercise, simulator should be removed to a storage area, or protected.

## **EQUIPMENT REQUIRED (NOT SUPPLIED):**

One (1) AC power cable with trigger assembly

One (1) charge of propane for propane cylinder

One (1) charge of oxygen for oxygen cylinder One (1) oxygen-acetylene 6-way wrench

One (1) Spark-plug wrench

One (1) Philip Head screwdriver

## **INSTALLATION AREA:**

Gun Simulator:

52" x 46"

Gas Supply:

13" x 12" x 22"

Converter:

8" x 7"

The Gun Simulator and Gas Supply are interconnected by 8' hoses. The Gun Simulator and Converter are interconnected by a cable.

## **POWER REQUIREMENTS:**

110/220 VAC, 60 Hz. or 24 VDC

## **PUBLICATIONS FURNISHED:**

Maintenance Handbook with Parts List for Small Arms Gunfire Noise Simulator. NAVTRADEV P-3647.

## PERSONNEL:

Instructor:

One (1)

Trainees:

Unlimited

Operator:

Instructor-Operated

Maintenance: One (1) man can normally service

ten (10) devices.

### CONTRACT IDENTIFICATION:

Manufactured by Joannell Labs. Inc., Livingston, NJ under NAVTRASYSCEN Contract No. N61339-71-C-0244.

### LOCAL STOCK NUMBER:

6920-LL-C00-3323